ELSEVIER

Forest Ecology and Management 140 (2001) 289–290

Forest Ecology and Management

www.elsevier.com/locate/foreco

Contents of *Forest Ecology and Management*, Volume 140

VOL. 140, NO. 1 **1 January 2001**

GIS analysis of spatial and temporal patterns of human-caused wildfires in the temperate rain forest of Vancouver Island, Canada
K.L. Pew (West Point, NY, USA) and C.P.S. Larsen (Buffalo, NY, USA) 1

Clear cutting and burning affect nitrogen supply, phosphorus fractions and seedling growth in soils from a Wyoming lodgepole pine forest
C.P. Giardina and C.C. Rhoades (Fort Collins, CO, USA) 19

Spatial distribution of late-successional coniferous species regeneration following disturbance in southwestern Québec boreal forest
H. Asselin, M.-J. Fortin and Y. Bergeron (Montréal, Canada) 29

Peasant charcoal production in the Peruvian Amazon: rainforest use and economic reliance
O.T. Coomes (Montreal, Canada) and G.J. Burt (Richmond, Canada) 39

Applying ProMod spatially across Tasmania with sensitivity analysis to screen for prospective *Eucalyptus globulus* plantation sites
D. Mummery and M. Battaglia (Hobart, Australia) 51

Developing and testing of a method for the analysis and assessment of multiple forest use from a forest conservation perspective
T. Mrosek (Göttingen, Germany) 65

Demographic response of tree juveniles to reduced-impact logging in a Costa Rican montane forest
G.P. Saenz and M.R. Guariguata (Turrialba, Costa Rica) 75

Book review 85

Guide for Authors 87

VOL. 140, NOS. 2–3 **15 January 2001**

Impact of bark stripping by sika deer, *Cervus nippon*, on subalpine coniferous forests in central Japan
S. Yokoyama, I. Maeji, T. Ueda, M. Ando and E. Shibata (Nagoya, Japan) 93

The use of ground vegetation and humus type as indicators of soil nutrient regime for an ecological site classification of British forests
S.McG. Wilson (Edinburgh, UK), D.G. Pyatt (Midlothian, UK), D.C. Malcolm (Edinburgh, UK) and T. Connolly (Midlothian, UK) 101

Vegetation structure, floristic composition and growth characteristics of *Aucoumea klaineana* Pierre stands as influenced by stand age and thinning
M. Fuhr, R. Nasi and M.-A. Delegue (Cayenne, Français) 117

Productivity and economics of mixed two-storied spruce and birch stands in Southern Finland simulated with empirical models
S. Valkonen (Vantaa, Finland) and L. Valsta (Helsinki, Finland) 133

Effect of natural disturbances on the abundance of Norway spruce (*Picea abies* (L.) Karst.) regeneration in nemoral forests of the southern boreal zone
I.V. Drobyshev (Lund, Sweden) 151

Comparison between old-growth stands and secondary stands regenerating after clear-felling in warm-temperate forests of Yakushima, southern Japan
S.-i. Aiba (Kagoshima, Japan), D.A. Hill (Brighton, UK) and N. Agetsuma (Akita, Japan) 163

Biomass production and allocation, including fine-root turnover, and annual N uptake in lysimeter-grown basket willows
R.-M. Rytter (Uppsala, Sweden) 177

Composition, structure and dynamics of Dysart Woods, an old-growth mixed mesophytic forest of southeastern Ohio
B.C. McCarthy, C.J. Small and D.L. Rubino (Athens, OH, USA) 193
Effects of light and intraspecific competition on growth and crown morphology of two size classes of understory balsam fir saplings
R. Duchesneau, I. Lesage (Chicoutimi, Canada), C. Messier (Montréal, Canada) and H. Morin (Chicoutimi, Canada) 215
Effects of forest management on soil C and N storage: meta analysis
D.W. Johnson (Reno, NV, USA) and P.S. Curtis (Columbus, OH, USA) 227
Water table decline alters growth and survival of *Salix gooddingii* and *Tamarix chinensis* seedlings
J.L. Horton and J.L. Clark (Flagstaff, AZ, USA) 239
Landscape context and small-mammal abundance in a managed forest
J. Bowman (Fredericton, Canada and Ontario, Canada), G. Forbes and T. Dilworth (Fredericton, Canada) 249
Spatial distribution patterns of riverine forest taxa in Brasília, Brazil
E.J. Leite (Brasília, Brazil) 257
Tree regeneration responses to microsite characteristics following a severe tornado in the Georgia Piedmont, USA
T.B. Harrington and A.A. Bluhm (Athens, GA, USA) 265
Mycorrhizal associations in the rain forest of South Cameroon
N.A. Onguene (Kribi, Cameroon) and T.W. Kuyper (Wageningen, The Netherlands) 277

Contents of *Forest Ecology and Management*, Volume 140 289